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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/863,462	05/24/2001	Yasuo Mori	35.C12867 Div.	1831

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EXAMINER

WALLERSON, MARK E

ART UNIT	PAPER NUMBER
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2622

DATE MAILED: 07/31/2002

4

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.
09/863,462

Applicant(s)

Mori et al

Examiner

Mark Wallerson

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on _____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 and 58-66 is/are pending in the application.
- 4a) Of the above, claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1 and 58-66 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☒ Certified copies of the priority documents have been received in Application No. 09/123,365.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

*See the attached detailed Office action for a list of the certified copies not received.

- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s). 2 6) ☐ Other:

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Part III DETAILED ACTION

Notice to Applicant(s)

1. This application has been examined. Claims 1 and 58-66 are pending.

Priority

2. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Information Disclosure Statement

3. The references listed in the Information Disclosure Statement dated 5/24/2001 have been considered by the Examiner and is attached to this Office Action.

Claim Rejections - 35 USC § 112

4. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

5. Claims 1 and 58-66 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

6. Claims 1 and 58-66 recite the limitation "each logical page" in the claims. There is insufficient antecedent basis for this limitation in the claim.

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7. Claims 1 and 58-66 recite the limitation "the center line" in the claims. There is insufficient antecedent basis for this limitation in the claim.

Claim Rejections - 35 USC § 102

8. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

9. Claims 1 and 58-66 are rejected under 35 U.S.C. 102(b) as being anticipated by Gabbe et al (Gabbe) (U. S. 4,928,252).

With respect to claims 1 and 58-66, Gabbe discloses a print layout device (figure 1) for providing a layout for a recording sheet comprising means for setting a margin for a sheet (column 7, lines 38-46); means for re-sizing (scaling) input data in each logical (application) page (column 6, lines 21-27 and 45-68) in consonance with a print area (usable area on the sheet) of a physical page (column 6, lines 45-54) based on the set margin (column 7, lines 38-53); generating print data to be printed based on the re-sized data (column 6, lines 55-68), wherein the margin setter is capable of setting a binding margin adjacent a center line for bookbinding (column 6, lines 8-13), the resizing (scaling) means arranges the resized input data based on the binding margin (column 5, line 57 to column 6, line 27). Additionally, Gabbe discloses printing plural pages on one sheet (column 5, line 57 to column 6, line 27).

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10. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371© of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C. 122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

11. Claims 1 and 58-66 are rejected under 35 U.S.C. 102(e) as being anticipated by Davis et al (Davis) (U. S. 5,825,996).

With respect to claims 1 and 58-66, Davis discloses a print layout device (figure 1) for providing a layout for a recording sheet comprising means for setting a margin for a sheet (column 7, lines 58-67 and column 10, lines 44-60); means for re-sizing input data in each logical (graphical) page (column 8, line 64 to column 9, line 17) in consonance with a printable area of a

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physical page (column 8, line 64 to column 9, line 17) based on the set margin (column 8, line 64 to column 9, line 17); generating print data to be printed based on the re-sized data (column 9, lines 10-21 and column 10, lines 10-20), wherein the margin setter is capable of setting a binding margin adjacent a center line for bookbinding (forming a card) (column 7, lines 21-34), the resizing means arranges the resized input data based on the binding margin (column 8, line 64 to column 9, line 17). Additionally, Davis discloses printing plural pages on one sheet (column 8, lines 61-63).

12. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371© of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C. 122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

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13. Claims 1 and 58-66 are rejected under 35 U.S.C. 102(e) as being anticipated by Shakib (U. S. 6,101,513).

With respect to claims 1 and 58-66, Shakib discloses a print layout device (figure 1) for providing a layout for a recording sheet comprising means for setting a margin for a sheet (column 8, lines 2-8 and column 16, lines 6-17)); means for re-sizing input data in each logical (virtual) page (column 15, lines 46-64) in consonance with a printable area of a physical page (column 15, lines 46-64 and column 16, lines 30-34) based on the set margin (column 16, lines 6-34); generating print data to be printed based on the re-sized data (column 16, lines 6-17), wherein the margin setter is capable of setting a binding margin adjacent a center line for bookbinding (column 23, lines 30-40), the resizing means arranges the resized input data based on the binding margin (column 23, lines 18-40). Additionally, Shakib discloses printing plural pages on one sheet (column 4, lines 42-54).

14. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark Wallerson whose telephone number is (703) 305-8581.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-4700.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, DC 20231

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or faxed to:

(703) 872-9314 (for formal communications intended for entry)

(for informal or draft communications, such as proposed amendments to be discussed at an
interview; please label such communications "PROPOSED" or "DRAFT")

or hand-carried to:

Crystal Park Two

2121 Crystal Drive

Arlington, VA.

Sixth Floor (Receptionist)

MARK WALLERSON
PRIMARY EXAMINER



MARK WALLERSON